

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE Application of ) CUSTOMER NO.: 37003  
RAGHURAMAN et al. )  
Appl. No.: 10/532,578 ) Group Art Unit: n/a  
Int'l Appl No.: PCT/GB2003/005016 )  
Filing Date: 25 April 2005 ) Examiner: n/a  
Int'l Filing Date: 19 November 2003 )  
Title: APPARATUS AND METHOD FOR ANALYSING ) Docket N°: 57.0520 US PC  
DOWNHOLE WATER CHEMISTRY )

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 19 August 2005

Ruth Schreiber  
Ruth Schreiber

8-19-05

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

In accordance with 37 C.F.R. §1.56, 1.97 and 1.98, the Applicants wish to bring the reference materials listed in the attached Form PTO-1449 to the attention of the U. S. Patent and Trademark Office. Copies of the references are provided for the Examiner's convenience.

No representation is made or intended that a complete and exhaustive prior art search has been made, or that no better references than those set forth below are available. Furthermore, this Statement does not constitute an admission that these references are properly citable against the present application as prior art.

It is respectfully requested that these references be considered by the Examiner and formally made of record in this case.

This information disclosure statement is being filed before receipt of the first office action. Therefore, applicants believe that no fees are due. However, in the event that the first office action has been mailed prior to the filing of this information disclosure statement, the Commissioner is authorized to charge or credit any deficiency/overpayment to Deposit Account No. 19-0615. Two copies of this paper are attached.

Respectfully submitted,

  
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Date: 19 August 2005

FORM PTO-1449 (Modified)	ATTY. DOCKET NO.	SERIAL NO.
LIST OF INFORMATION PROVIDED BY APPLICANT	57.520 US PCT	10/532 578
(Use several sheets if necessary)	<b>APPLICANTS</b> Raghuraman et al	
	<b>FILING DATE</b> April 25 2005	<b>GROUP</b>

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
	AA	US 5 128 882 A	07/07/92	Cooper et al
	AB	US 6 268 911 B1	07/31/01	Tubel et al
	AC	US 6 343 507 B1	02/05/02	Felling et al
	AD	US 6 476 384 B1	11/05/02	Mullins et al
	AE	US 2002/108910	08/15/02	Lyon

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation Yes	Translation No
	AF	0 461 321 A1	06/12/90	EP		
	AG	2 362 462 A	11/21/01	GB		
	AH	01/73424 A1	10/04/01	WO		
	AI	99/00575	01/07/99	WO		

## OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

	AJ	Ammann et al Groundwater pollution by roof runoff infiltration evidenced with multi-tracer experiments Water Research 37, pages 1143-1153, 2003
	AK	Andrews et al Quantifying contamination using color of crude and condensate Oilfield Review 13 (3) pages 24-43, Autumn 2001
	AL	Bates Determination of pH: Theory and Practice, chapter 6, John Wiley, 1964
	AM	Langmuir Aqueous Environmental Geochemistry Chapter 1, section 1.6.2, Prentice Hall, 1997

	AN	Langmuir Aqueous Environmental Geochemistry Chapter 4, section 4.2, Prentice Hall, 1997
	AO	Morris et al Using optical fluid analysis to evaluate downhole fluid sample contamination Pages 283-295. Presented at the SPE European Petroleum Conference, The Hague, The Netherlands, October 1998
	AP	Sandell Colorimetric Determination of Traces of Metals 2 <sup>nd</sup> edition, pages 193-195, Interscience Publishers, 1950
	AQ	Sandell Colorimetric Determination of Traces of Metals 2 <sup>nd</sup> edition, pages 242-249, Interscience Publishers, 1950
	AR	Vogel Text-book of Quantitative Inorganic Analysis 3 <sup>rd</sup> edition, chapter 10, John Wiley, 1961
	AS	Vogel Text-book of Quantitative Inorganic Analysis 3 <sup>rd</sup> edition, chapter 10, page 803, John Wiley, 1961
	AT	Vogel Text-book of Quantitative Inorganic Analysis 3 <sup>rd</sup> edition, chapter 1.30, page 59, John Wiley, 1961

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.